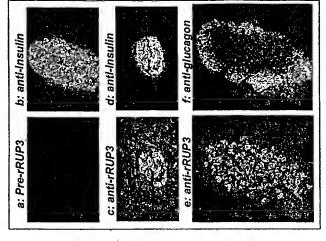
PCT/US2004/001267

 \Box D 11 11 Marker **Marker** Brain Heart Brain Placenta Heart Kidney Lung Liver Liver Skeletal Muscle Kidney Lung Pancreas **Pancreas** Sk. Muscle Spleen Spleen Thymus Prostate Hypothalamus 1 **Testis** islet Marker H20 Ovary Small intestine Genomic DNA Colon PBL \mathbf{C} Kidney Amygdala Cerebral cortex Hippocampus Substantia nigra Thalamus Fat cell Water Genomic DNA

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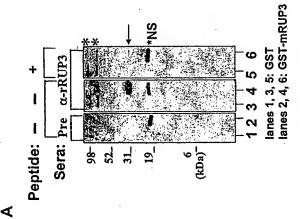


FIGURE (

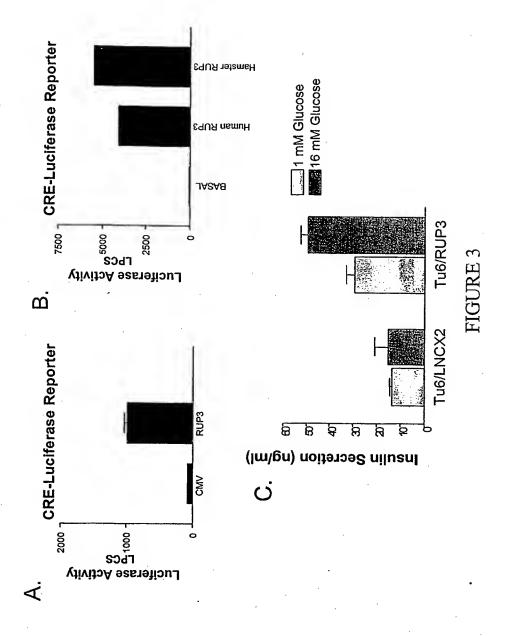
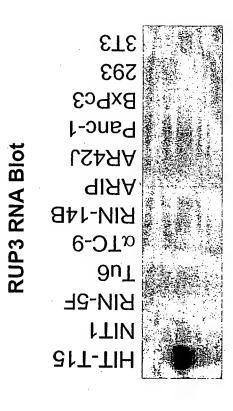
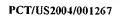
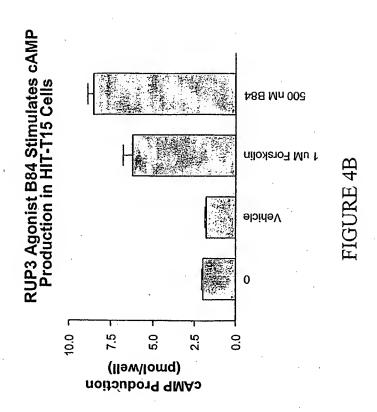


FIGURE 4A







RUP3 Agonist Stimulates Insulin Secretion in HIT-T15 Cells

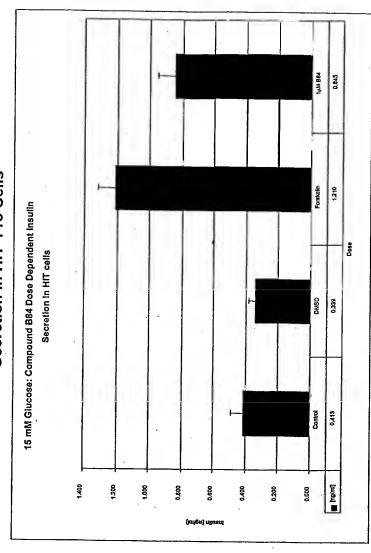
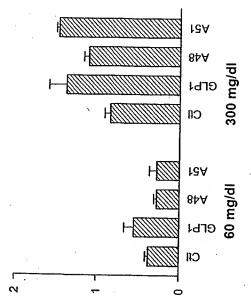


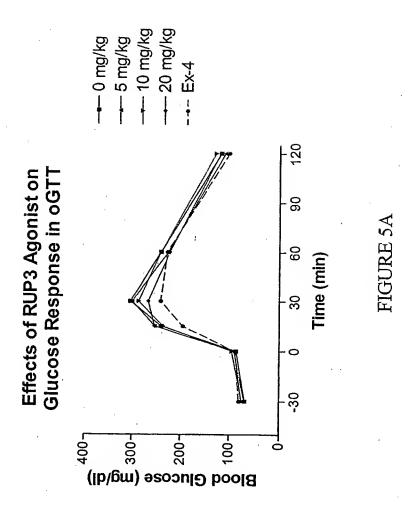
FIGURE 4C

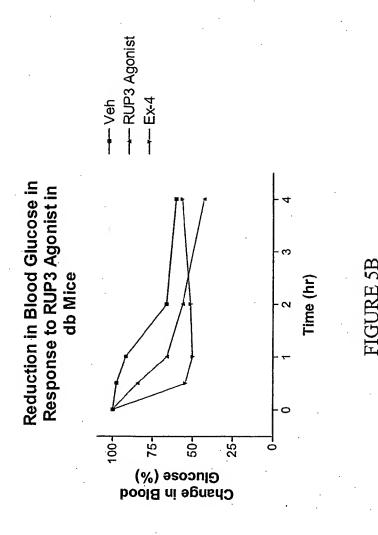




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FIGURE 4D





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